IV. *Part of a Letter from* Mr Gray, *concerning an unuſual* Parhelion *and* Halo.

Canterbury, May 4th, 1699.

SIR,

I Had ſcarce thought the account I ſent you of the *Parhelia* I obſerv'd the 26th of *February* laſt, worth your notice, had I not been prompted to think ſo by the inſtigation of my friends, for I find they are frequently ſeen, tho this is the firſt I ever ſaw. But what I am now going to relate, is that which ſo rarely happens, that I cannot think it unworthy your cognizance.

April the 7th, 1699. between 4 and 5 of the clock, I firſt perceived, and afterwards ſhewed to ſeveral others the following Phænomena.

There appeared on each ſide the Sun a *Parhelion*, connected by an *Halo* of the uſual diameter; they had each of them a tail of a whitiſh colour, extended oppoſite to the Sun, of about 15 or 20 degrees in length; the upper part of the *Halo* was touched by the arch of a Circle, whoſe ends were turned towards the Zenith; it had the colours of the Iris but faintly, betwixt this and the Zenith was another portion of a Circle, which had the colours of the Iris with greater vivacity than the former; the appearance may not be altogether unfitly repreſented by figure 2. where A is to be ſuppoſed the Sun, B C the *Parthelia* with their trains, D the coloured arch touching the *Halo* B D C, E the more vivid arch that paſt betwixt D and the Zenith Z.

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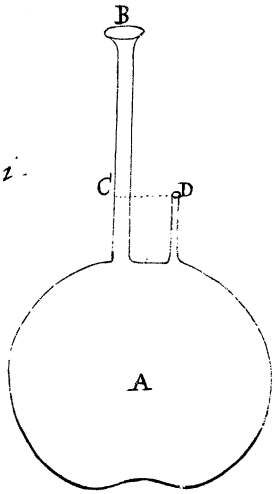
fig : 1 .



Z

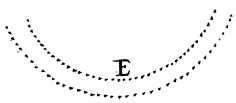
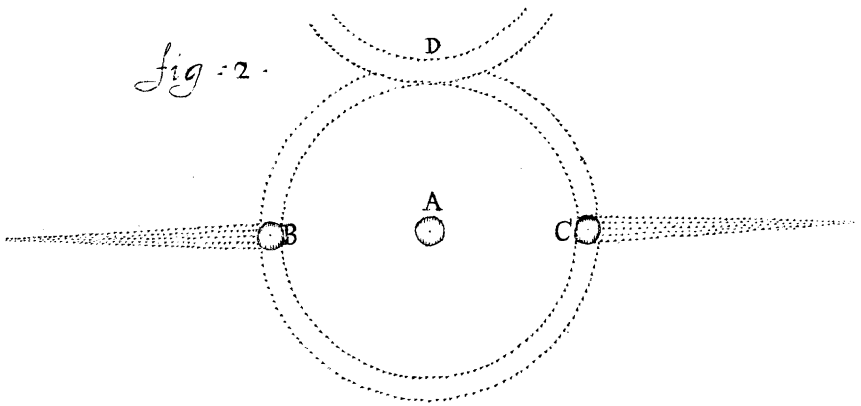



fig : 2 .